

ABSTRACT FOR DE4432161

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ACCESSION NUMBER: 1996-152067 [16] WPIDS Full-text

CROSS REFERENCE: 1996-171572 [17]

DOC. NO. CPI: C1996-047803

TITLE: Naturally biodegradable polyester compsns. - contain aromatic and aliphatic units, pref. derived from aliphatic diol and mixture of aromatic and aliphatic di carboxylic acids.

DERWENT CLASS: A23 D16

INVENTOR(S): DECKWER, W; MUELLER, R; WITT, U

PATENT ASSIGNEE(S): (GBFB) GBF GES BIOTECH FORSCHUNG GMBH

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
DE 4432161	A1	19960314	(199616)*		18	C08G063-02	--

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
DE 4432161	A1	DE 1994-4432161	19940909

PRIORITY APPLN. INFO: DE 1994-4432161 19940909

INT. PATENT CLASSIF.:

MAIN: C08G063-02
SECONDARY: B09C001-10; C08G063-06; C08G063-12; C08G063-16;
C08L067-00; C12P001-00

BASIC ABSTRACT:

DE 4432161 A UPAB: 19960503

Polyesters (I) which are biodegradable under natural conditions by the action of microorganisms (e.g. as described in DIN 53739D) comprise polycondensation prods. with statistically distributed or alternating monomer units, derived from: (a) a mixture of aliphatic and aromatic polyols and an aliphatic polycarboxylic acid or, (b) an aliphatic polyol, possibly with an aromatic polyol, and a mixture of aromatic and aliphatic polycarboxylic acids, or (c) an aromatic hydroxy-monocarboxylic acid and an aliphatic hydroxy-monocarboxylic acid.

USE - Used as biodegradable synthetic polymers, e.g. in the form of film or other prods.

ADVANTAGE - The compsns. provide synthetic polymers which combine the good biodegradability of fully aliphatic polyesters with the good thermal and mechanical properties of fully aromatic polyesters. Dwg.0/8

FILE SEGMENT: CPI

FIELD AVAILABILITY: AB

MANUAL CODES: CPI: A05-E01A2; A09-A07; D05-A04A